

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
11 March 2004 (11.03.2004)

PCT

(10) International Publication Number
WO 2004/021257 A1

(51) International Patent Classification⁷: **G06K 7/00**,
7/10, 19/07

(21) International Application Number:
PCT/IB2003/003491

(22) International Filing Date: 5 August 2003 (05.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02102231.4 28 August 2002 (28.08.2002) EP

(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **AMTMANN, Franz**
[AT/AT]; Triester Strasse 64, A-1101 Vienna (AT).

(74) Agent: **WEBER, Helmut**; Philips Intellectual Property &
Standards, Triester Strasse 64, A-1101 Vienna (AT).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

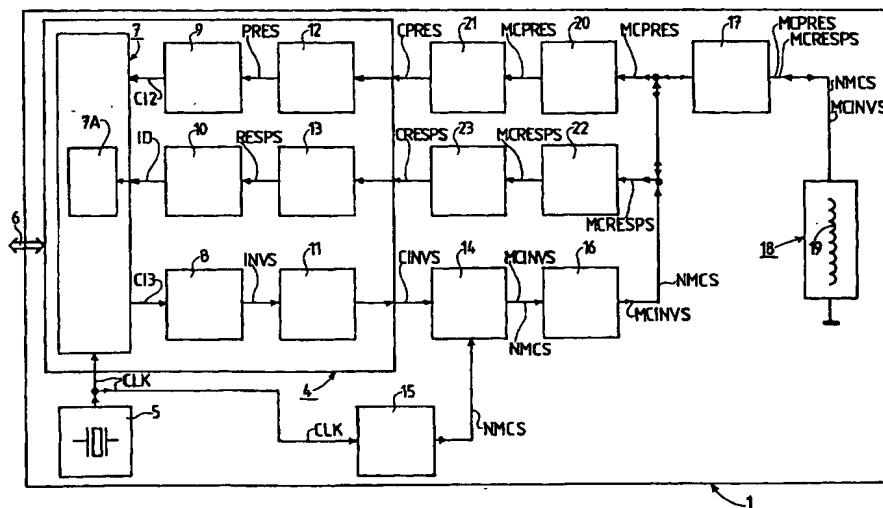
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF INVENTORING TRANSPONDERS BY MEANS OF A COMMUNICATION STATION



(57) Abstract: In a method of inventorying a plurality of transponders (2) by means of a communication station (1) communicating with the transponders (2) in contactless manner, the communication station (1) emits an unmodulated carrier signal (NMCS) in a communications range of the communication station (1) and each transponder (2) on entering the communications range then emits a presence-signaling signal (PRES) and the communication station (1) on receiving a presence-signaling signal (PRES) then emits an inventorying command signal (INVS) and each transponder (2) on receiving the inventorying command signal (INVS) then emits a response signal (RESPS) permitting inventorying of the transponder (2) and the communication station (1) on correctly receiving a response signal (RESPS) then undertakes inventorying of the relevant transponder (2).